[ **Product Information** ]

**Name:** Neomangiferin  
**Catalog No.:** CFN98122  
**Cas No.:** 64809-67-2  
**Purity:** > 98%  
**M.F:** C_{28}H_{28}O_{16}  
**M.W:** 584.48  
**Physical Description:** Powder  
**Synonyms:** O-6-Deoxy-a-L-mannopyranosyl-(1\(\rightarrow\)2)-O-[O-b-D-glucopyranosyl-(1\(\rightarrow\)6)-O-[b-D-xylopyranosyl-(1\(\rightarrow\)2)]-b-D-glucopyranosyl-(1\(\rightarrow\)3)]-(3\(\beta\),16\(\beta\),23R)-16,23:16,30-diepox y-20-hydroxydammar-24-en-3-yl-a-L-arabinopyranoside.

[ **Intended Use** ]

1. Reference standards;  
2. Pharmacological research;  
3. Food research;  
4. Cosmetic research;  
5. Synthetic precursor compounds;  
6. Intermediates & Fine Chemicals;  
7. Ingredient in supplements, beverages;  
8. Others.
[Source]
The leaves of *Mangifera indica*.

[Biological Activity or Inhibitors]
Neomangiferin has beneficial effects on high fat diet-induced nonalcoholic fatty liver disease in rats.[1]
Neomangiferin modulates the Th17/Treg balance and ameliorates colitis in mice.[2]

[Solvent]
Pyridine, Methanol, Ethanol, etc.

[HPLC Method][3]
Mobile phase: Acetonitrile- 0.033% Phosphoric acid, gradient elution;
Flow rate: 1.0 ml/min;
Column temperature: 30 °C;
The wave length of determination: 310 nm.

[Storage]
2-8°C, Protected from air and light, refrigerate or freeze.

[References]
[ Contact ]

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